

ABSTRACT

An apparatus for adjusting a brightness balance of a stereoscopic camera includes a gain control amplifier and a micro-computer. The gain control amplifier adjusts a brightness balance of a pair of images outputted from the stereoscopic camera by gain. The micro-computer calculates a first evaluation value representing a magnitude of an entire brightness of a first evaluation window established in a reference image outputted from the gain control amplifier and calculates a second evaluation value representing a magnitude of an entire brightness of a second evaluation window established in a comparison image outputted from an adjusting <sup>device</sup> ~~means~~ and established in an area having a brightness correlation with the first evaluation window. Also, the micro-computer corrects a gain so as to reduce the difference between the first evaluation value and the second evaluation value.